APPENDIX

Docket No. 4791-4008

Application/Control No. Applicant(s)/Patent Under Reexamination 10/540,352 STRODER ET AL. Notice of References Cited Examiner Art Unit Page 1 of 1 Mark L. Shevin 1793 **U.S. PATENT DOCUMENTS** Document Number Date Classification Country Code-Number-Kind Code MM-YYYY * US-3,578,798 05-1971 432/58 Lapple et al. US-В US-С US-D US-Е US-F US-G US-Н US-Ι US-J US-Κ US-L US-Μ FOREIGN PATENT DOCUMENTS Document Number Country Code-Number-Kind Code Date Country Name Classification MM-YYYY Ν 0 Р Q R S Т **NON-PATENT DOCUMENTS** Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U ٧ W

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited Application/Control No. 10/540,435 Examiner Mark L. Shevin Applicant(s)/Patent Under Reexamination ORTH ET AL. Art Unit Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-----------------|----------------|
| * | Α | US-3,884,620 | 05-1975 | Rammler, Roland | 432/15 |
| * | В | US-4,073,642 | 02-1978 | Collin et al. | 75/448 |
| * | U | US-4,789,580 | 12-1988 | Hirsch et al. | 75/500 |
| * | D | US-5,505,907 | 04-1996 | Hiltunen et al. | 422/146 |
| * | Е | US-5,527,379 | 06-1996 | Hirsch et al. | 75/436 |
| | F | US- | | | |
| | G | US- | | | |
| | Τ | US- | | | |
| | _ | US- | | | |
| | 7 | US- | | | |
| | К | US- | | | |
| | L | US- | | | |
| | Μ | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|----------|----------------|
| | Ν | WO 90/11824 | 10-1990 | Finland | Engstrom | B01J 8/44 |
| | 0 | | | | | |
| | Р | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | Ø | | | | | |
| | Т | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|--|
| | U | Y.T. Kim et al, Entrainment of solids in an internally circulating fluidized bed with draft tube. Chemical Engineering Journal, Vol. 66, (1997), p. 105-110. |
| | ٧ | |
| | W | |
| | х | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Application/Control No. Applicant(s)/Patent Under Reexamination 10/540,435 ORTH ET AL. Notice of References Cited Art Unit Examiner Page 1 of 1 Mark L. Shevin 1793 **U.S. PATENT DOCUMENTS** Document Number Date Name Classification Country Code-Number-Kind Code MM-YYYY US-2,607,666 08-1952 MARTIN HOMER Z 48/62R * US-3,578,798 05-1971 Lapple et al. 432/58 В US-С US-D US-Е US-F US-G US-Н US-Ι US-J US-Κ US-L US-Μ FOREIGN PATENT DOCUMENTS Document Number Country Code-Number-Kind Code Date Country Name Classification MM-YYYY Ν 0 Р Q R S Т **NON-PATENT DOCUMENTS** Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U ٧ W

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited Application/Control No. 10/540,434 Examiner Mark L. Shevin Applicant(s)/Patent Under Reexamination HIRSCH ET AL. Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-----------------|----------------|
| * | Α | US-5,505,907 | 04-1996 | Hiltunen et al. | 422/146 |
| * | В | US-5,527,379 | 06-1996 | Hirsch et al. | 75/436 |
| | U | US- | | | |
| | D | US- | | | |
| | Е | US- | | | |
| | F | US- | | | |
| | G | US- | | | |
| | Τ | US- | | | |
| | _ | US- | | | |
| | 7 | US- | | | |
| | К | US- | | | |
| | L | US- | | | |
| | М | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | 0 | | | | | |
| | Р | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | s | | | | | |
| | Т | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|--|
| | C | Y.T. Kim et al, Entrainment of solids in an internally circulating fluidized bed with draft tube. Chemical Engineering Journal, Vol. 66, (1997), p. 105-110. |
| | > | |
| | W | |
| | х | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Application/Control No. Applicant(s)/Patent Under Reexamination 10/540,434 HIRSCH ET AL. Notice of References Cited Art Unit Examiner Page 1 of 1 Mark L. Shevin 1793 **U.S. PATENT DOCUMENTS** Document Number Date Classification Country Code-Number-Kind Code MM-YYYY * US-3,578,798 05-1971 432/58 Lapple et al. US-В US-С US-D US-Е US-F US-G US-Н US-Ι US-J US-Κ US-L US-Μ FOREIGN PATENT DOCUMENTS Document Number Country Code-Number-Kind Code Date Country Name Classification MM-YYYY Ν 0 Р Q R S Т **NON-PATENT DOCUMENTS** Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U ٧ W

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|---------------------|----------------|
| * | Α | US-2007/0137435 | 06-2007 | Orth et al. | 075/451 |
| * | В | US-5,505,907 | 04-1996 | Hiltunen et al. | 122/4D |
| * | U | US-3,884,620 | 05-1975 | Rammler, Roland | 432/15 |
| * | D | US-3,995,987 | 12-1976 | MacAskill, Donald | 432/15 |
| * | Е | US-2006/0278566 | 12-2006 | Orth et al. | 422/139 |
| * | F | US-2006/0263292 | 11-2006 | Hirsch et al. | 423/625 |
| * | G | US-3,565,408 | 02-1971 | Lothar Reh; et. al. | 423/625 |
| * | Η | US-4,091,085 | 05-1978 | Reh et al. | 432/15 |
| * | ı | US-4,555,388 | 11-1985 | Hundebol, Soren | 432/15 |
| * | J | US-4,545,132 | 10-1985 | Li et al. | 432/16 |
| * | К | US-5,437,850 | 08-1995 | Kroehl et al. | 423/555 |
| * | L | US-5,560,762 | 10-1996 | Bresser et al. | 75/447 |
| * | М | US-2,485,317 | 10-1949 | ROETHELI BRUNO E | 423/172 |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | 0 | | | | | |
| | Р | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | s | | | | | |
| | Т | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|---|---|
| | U | |
| | > | |
| | 8 | |
| | х | |

"A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Application/Control No. Applicant(s)/Patent Under Reexamination 10/540,436 NUBER, DIRK Notice of References Cited Art Unit Examiner Page 2 of 2 Andrew M. Juettner 4124 **U.S. PATENT DOCUMENTS** Document Number Country Code-Number-Kind Code Date Classification Name MM-YYYY US-2006/0249100 11-2006 Freytag et al. 122/400 US-2006/0230879 10-2006 Stroder et al. 075/444 В 07-2006 075/613 US-2006/0162500 Nuber et al. С * US-4,789,580 12-1988 Hirsch et al. 75/500 D US-Ε US-F US-G US-Н USı US-J US-Κ US-US-Μ FOREIGN PATENT DOCUMENTS Document Number Date Country Name Classification Country Code-Number-Kind Code MM-YYYY Ν 0 Ρ Q R S Т **NON-PATENT DOCUMENTS** Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U W

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Χ

Application/Control No. Applicant(s)/Patent Under Reexamination 10/540,436 NUBER ET AL. Notice of References Cited Examiner Art Unit Page 1 of 1 3749 Gregory A. Wilson **U.S. PATENT DOCUMENTS** Document Number Country Code-Number-Kind Code Date Classification Name MM-YYYY US-4,795,547 A1 01-1989 Barnes, Peter H. 208/113 Α US-В US-С US-D Ε US-US-F US-G US-Н US-1 US-J US-Κ US-US-Μ FOREIGN PATENT DOCUMENTS Document Number Date Classification Country Name Country Code-Number-Kind Code MM-YYYY Ν 0 Р Q R S **NON-PATENT DOCUMENTS** Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U ٧ W

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited Application/Control No. | Applicant(s)/Patent Under Reexamination HIRSCH ET AL. | Examiner | Art Unit | Page 1 of 1 U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|-----------------|----------------|
| * | Α | US-4,822,592 A | 04-1989 | Misra, Chanakya | 423/627 |
| * | В | US-5,269,236 A | 12-1993 | Okuno et al. | 110/297 |
| * | U | US-5,505,907 A | 04-1996 | Hiltunen et al. | 422/146 |
| * | D | US-6,015,539 A | 01-2000 | Schmidt et al. | 423/625 |
| * | Е | US-2006/0231466 A1 | 10-2006 | Nuber, Dirk | 209/011 |
| | F | US- | | | |
| | G | US- | | | |
| | Τ | US- | | | |
| | _ | US- | | | |
| | 7 | US- | | | |
| | K | US- | | | _ |
| | Ĺ | US- | | | |
| | М | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|---------|--------------|----------------|
| | N | WO 04/056465 | 07-2004 | wo | Nuber et al. | BO1J 8/18 |
| | 0 | | | | | |
| | Р | | | | | |
| | Q | | | | | |
| | R | | | | | |
| | s | | | | | |
| | Т | | | | | |

NON-PATENT DOCUMENTS

| | | NON-FAIENT DOCUMENTS |
|---|---|---|
| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
| | C | |
| | ٧ | |
| | W | |
| | x | |

A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited Application/Control No. | Applicant(s)/Patent Under Reexamination FREYTAG ET AL. | Examiner | Art Unit | Page 1 of 1

U.S. PATENT DOCUMENTS

| * | , | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|--------------------|----------------|
| * | Α | US-4,817,563 A1 | 04-1989 | Beisswenger et al. | 122/4D |
| * | В | US-5,205,350 A | 04-1993 | Hirsch et al. | 165/104.18 |
| * | С | US-4,080,437 A1 | 03-1978 | Reh et al. | 423/625 |
| * | D | US-4,402,754 A1 | 09-1983 | Schmidt et al. | 106/744 |
| * | Е | US-5,505,907 A | 04-1996 | Hiltunen et al. | 422/146 |
| | F | US- | | | |
| | G | US- | | | |
| | H | US- | | | · • |
| | 1 | US- | | | |
| | 7 | US- | | | |
| | К | US | | | |
| | L | US- | | | |
| | М | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|----------|---|--|-----------------|---------|------|----------------|
| | N | | | | | |
| | 0 | | | | | |
| | P | | | | | |
| | σ | | | | | |
| <u> </u> | R | | | | | |
| | s | | | | | |
| | Т | | | | | |

NON-PATENT DOCUMENTS

| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) |
|---|------------|---|
| | U | |
| | v . | |
| | 8 | |
| | × | |

A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Notice of References Cited Application/Control No. 10/540,376 Examiner Mark L. Shevin Applicant(s)/Patent Under Reexamination NUBER ET AL. Art Unit Page 1 of 1

U.S. PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Name | Classification |
|---|---|--|-----------------|--------------------|----------------|
| * | Α | US-3,578,798 | 05-1971 | Lapple et al. | 432/58 |
| * | В | US-4,080,437 | 03-1978 | Reh et al. | 423/625 |
| * | С | US-4,402,754 | 09-1983 | Schmidt et al. | 106/744 |
| * | D | US-4,817,563 | 04-1989 | Beisswenger et al. | 122/4D |
| * | Е | US-5,505,907 | 04-1996 | Hiltunen et al. | 422/146 |
| * | F | US-2006/0231433 | 10-2006 | Rufo et al. | 206/308.1 |
| * | G | US-2006/0230879 | 10-2006 | Stroder et al. | 075/444 |
| * | Н | US-2006/0230880 | 10-2006 | Hirsch et al. | 075/444 |
| * | ı | US-2006/0249100 | 11-2006 | Freytag et al. | 122/400 |
| * | J | US-2007/0137435 | 06-2007 | Orth et al. | 075/451 |
| | K | US- | | | |
| | L | US- | | | |
| | М | US- | | | |

FOREIGN PATENT DOCUMENTS

| * | | Document Number Country Code-Number-Kind Code | Date MM-YYYY | Country | Name | Classification |
|---|---|--|-----------------|-----------|----------------|----------------|
| | N | AU 9894057 A1 | 05-2000 | Australia | Formanek et al | C22B 05/14 |
| | 0 | WO 90/11824 | 10-1990 | Finland | Engstrom et al | B01J 8/44 |
| | Р | | | | | |
| | Ø | | | | | |
| | R | | | | | |
| | Ø | | | | | |
| | Т | | | | | |

NON-PATENT DOCUMENTS

| | HONA ATENT BOOGHENTO | | | | |
|---|----------------------|---|--|--|--|
| * | | Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) | | | |
| | C | | | | |
| | V | | | | |
| | V | | | | |
| | х | | | | |

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Application/Control No. Applicant(s)/Patent Under Reexamination 10/540,437 STRÖDER ET AL. Notice of References Cited Art Unit Examiner Page 1 of 1 TIMOTHY C. VANOY 1793 **U.S. PATENT DOCUMENTS** Document Number Country Code-Number-Kind Code Date Classification Name MM-YYYY US-6,413,477 B1 07-2002 Govoni et al. 422/131 US-2,864,674 12-1958 KING WILLIAM R 23/314 В US-2,714,126 07-1955 KEITH PERCIVAL C 585/535 С US-D Ε US-US-F US-G US-Н US-1 US-J US-Κ US-US-Μ FOREIGN PATENT DOCUMENTS Document Number Date Country Name Classification Country Code-Number-Kind Code MM-YYYY Ν 0 Р Q R S **NON-PATENT DOCUMENTS** Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages) U ٧ W

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).) Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Χ